

NEW FEED FOR COWS

"Kale" Is Making Oreg. Greatest Dairy State In Union

GROWS 40 TONS TO THE ACRE

It Has Only Been During the last Two Years That the Dairy Interests of the State Have Realized Its Valuable Properties As a Milk Producer

Corvallis Ore.—Kale is one of the best talking crops in Oregon. When the Oregon booster wants to prove that Oregon is the best dairy state in the Union he has to talk Kale. Unless he knows what Kale will do to the milk bucket he has not qualified as a booster. It is called the Thousand-headed Kale and the botanist knows it as *Brassica oleracea*, but it is the plain Kale of four letters that does the talking. The strange thing is that it has only been during the last two or three years that it has had an audience though it is nearly thirty years old in the Willamette valley. It has tried to talk all those years but people wouldn't listen when it sought recognition. "We never heard it talk," they insisted, "back in Iowa and New York." Back there cows produce milk without Kale and I guess they will have to here. That is tradition. It took thirty years for Kale to get an audience in this state and live down tradition.

The dairymen of New York understand what green succulent food means to the dairy cow, and they build expensive silos, buy expensive machinery and grow fertility robbing corn which they irrigate with their sweat, in order that the farmer during the long winter months may have an excuse for milking his cows. The Oregonian needs no expensive silos to remind the cow of the good old summer time. Kale! A thousand blessings on the thousand headed Kale! It is making Oregon the greatest dairy state in the Union.

When grown under favorable conditions Kale will yield 40 tons per acre of green feed and its chief value is as a soiling crop during the fall and winter. Splendid results are being secured by feeding Kale and Vetch hay to dairy cows without any grain or mill feed. Dr. Withycombe of the Agricultural College says that 15 pounds of Vetch hay and 40 pounds of Kale a day is practically a balanced ration for a dairy cow. Mr. W. L. Wilson of Banks, Oregon, says: "I received \$207 from 14 cows in the month of December and fed them nothing but kale, turnips and vetch hay. The man who feeds chop would have to make \$237 to clear as much as I do. I have not had a speck of mill feed in the barn all winter."

Mr. Byron Hunter of Corvallis has, as assistant agriculturist of the Bureau of the Plant Industry, U. S. Department of Agriculture, made a special study of the forage crops of Western Oregon, and in Bulletin No. 91 published jointly by the Oregon Experiment Station and the Department of Agriculture, has the following to say about the Kale which is timely.

Methods of Sowing:—For fall and winter use, kale is usually sown in drills on well prepared and drained soil as soon after the 15 of March as the season will permit. This furnishes plants for transplanting in June and July. The land used for transplanting is well manured and plowed two or three times between the first of March and the first

of June. With the land in perfect till it is plowed again with a 12-inch plow about the first of June and the young kale plants dropped into every third furrow about 2 1/2 to 3 feet apart. This places about one plant on every square yard. The roots of the plant are placed where the next furrow covers them, leaving the tops uncovered. The plants that are plowed in during the day in this way are rolled in the evening of the same day to pack the ground.

Two or three cultivations are all that can usually be given, for the plants will soon touch in the row if they do well. And plants that fail to grow may be replaced by hand. Some growers prefer to plant the seed in hills, and when the plants are large enough thin them to one plant in a hill. Others put kale out just as cabbage is usually transplanted, instead of plowing it in. The time of transplanting must be determined by the size of the plants and the condition of the land. If the land is wet and subject to overflow the transplanting may be delayed until during July. If the land is well drained and the plants are large enough it may be done before the first of June. In transplanting, enough plants may be left for a stand on the land where the seedlings are grown.

The first excursion of the season on Upper Klamath Lake was given yesterday by the Steamer Winema. A crowd from this city went along and all enjoyed a most delightful time. The day was an ideal one and the excursionists seemed to breathe health in the cooling breezes from the forest topped mountains which border the Lake on all sides. The boat arrived in Odessa at 12 o'clock where dinner was served in the big dancing pavilion. Quite a number of tourists are already stopping at the hotel and the cottages, and Mrs. Griffith states that accommodations have been asked for for a large number during this month. Indications are that twice as many people will visit this resort this year than ever before.

W. J. Arant, superintendent of Crater Lake park, is making arrangements to move to the park for the summer. He is sending his stock in advance and expects to go himself on Wednesday. Mr. Arant says he expects the snow to be sufficiently gone to enable teams to get to the lake within ten days.

Mrs. J. D. Carroll and two sons and Arthur Noncreeff arrived last evening from Seattle, and will spend the summer with Mr. Carroll at the Henley ranch.

First Tennis Tournament Commences Thursday

Entries for the Middle Pacific Championship Tournament are being daily received by the committee in charge. To date ten entries have been received from outside points, and there are already enough competitors entered to insure the success of the tournament. It is expected that, before the time set for the closing of the entries, which will be at 6 o'clock p. m., July 1st, the names of other participants will be received.

Those entered to date are: Men's Singles—Henry Crosby, Oakland, California; Charles Powne, Bly, Oregon; R. K. Sutton, Dairy, Oregon; H. G. Wilson, E. L. Swartzlander and W. I. Barclay, of Klamath Agency; Will Ma-

son, C. E. Widdoes, Barge Mason, W. S. Wiley, F. L. Humphrey and D. B. Campbell of Klamath Falls. Ladies' Singles—Mrs. H. G. Wilson, Miss Mildred Wilson, Miss Edna M. Miller, and Miss Charlotte Schultz, Klamath Agency; Miss Evelyn Applegate, Miss Louise Sargent and Miss Elsie Applegate, Klamath Falls, Oregon.

A number of teams have been formed with a view to entering the doubles events, and it is expected that nearly all of those entered in the singles' events will participate in the doubles.

A number of those entered have had considerable experience in tournament play. Mr. Crosby has played in a number of the big tournaments held in and around Oakland, California, and is picked by many to win the tournament.

Mr. Swartzlander of Klamath Agency is also a very strong and dangerous player at all times. He, like Mr. Crosby, is an experienced tournament player.

Mr. Wiley is one of the best players of the local club and has participated in the District of Columbia and Middle Atlantic championship tournaments in the east.

Mr. Wilson of Klamath Agency is a brilliant player, and his steadiness and long experience on the courts may win for him the title.

Messrs. Campbell, Mason and Widdoes are also very strong and experienced players and may upset some of the present calculations.

Of the others entered very little is known, but may prove to be dark horses.

It is to be regretted that Mrs. George Pratt will not be here to participate in the tournament. Mrs. Pratt is Klamath Falls' champion lady player, and it was greatly hoped that she could be seen in competition with the lady experts from the Agency.

Play will commence promptly at 9:30 o'clock, Thursday morning, July 2nd. Those who are not ready to play when their matches are called will be promptly defaulted, unless previously excused by the referee. This action is necessary owing to the fact that there are a number of players entered from out of town. Hence it is necessary that the tournament be run off without any lagging.

The big sterling silver bowl challenge trophy has been received and is now on exhibition at McHatton's jewelry store. The ladies' first prize will be a set of sterling after dinner coffee spoons; 2nd prize, sterling bon bon dish. First prize, gentlemen's singles, watch fob;

KLAMATH AT SEATTLE

Mr. Stephenson Taking Views for Stereoptican Lectures

TO BE SHOWN AT OREGON B'LD'G

Every County in the State Will Be Represented and Those In Charge of the Oregon Exhibit Hope to Secure Good Results for the Entire State

2nd prize, sterling match tray. The prizes in doubles will be purchased as soon as it is ascertained who are to play in these events.

A social is planned for the evening of July 2nd in honor of the visiting players. A musical program will be rendered and light refreshments will be served. Among the artists who will assist are Mrs. Don Zumwalt, Miss Applegate, Mr. and Mrs. Zimmerman, Mrs. Gates, Mrs. Morgan, Roy Walker and M. D. Williams.

Those desiring to enter the tournament should send in their names at once to Mr. Curtis E. Widdoes or any other member of the tennis club. Mr. Wiley will act as referee. Mr. John L. Lee is busily engaged in putting the courts in good shape. The public is cordially invited to witness the playing. No charge will be made.

Grants Pass citizens who have the welfare of the city at heart have organized a "Big Stick" club, whose aims and objects are most commendable.

The club is secret in its membership, which is limited to 23, the "skidoo" number, all members of the Commercial club. It is the purpose of the club to work, directly and indirectly, upon unprogressive citizens and force them into line for progress.

The mossback does not know what is going on, but the strongest kind of pressure is brought to bear on him, and he is virtually forced to get in line or "skidoo."

Those big property owners who refuse to assist in boosting a town, although they profit more than anyone else by the efforts of those trying to force the place ahead, through the increased valuations of property, are the principal subjects worked upon by the club.

Grants Pass is to have paved streets, thanks to the efforts of this secret club. Protests from influential men and property owners threatened to block improvements, as they have blocked them at Ashland, but the club got busy, the protests were withdrawn, some of them under pressure, and the paving is to follow.

Because Grants Pass merchants refuse to pay farmers cash for produce they are barred from membership, and the club is now trying to force the merchants to do business on a modern basis. —Medford Tribune.

L. H. Stephenson, of Portland, is in the city securing views for the Oregon building at the Alaska-Yukon Exposition. The Oregon building is one of the largest and handsomest state buildings on the grounds. It is three times the size and has three times the floor space of the Oregon building at the Lewis & Clark Fair.

It is the intention of those in charge of the Oregon exhibit to give lectures and colored stereoptican views from every county in the state. The nature of the views will depend entirely on the county from which they are taken. The purpose is to secure those scenes which will best advertise the resources of the different sections of the state.

Klamath County is wonderfully rich in its diversity of natural resources and scenery, and with proper assistance from the people of this county, Klamath should have the most interesting and attractive views of any county in the state. It is Mr. Stephenson's intention to take a trip through all parts of the county and secure views from which the best will be selected to be used.

Mr. Stephenson is not asking anything from the people of this county, but it is to their interest to see that he does not overlook any particularly good scene that would help advertise the county. If there are any of the farmers who have a nice bunch of cattle, horses, hogs or a field of grain or alfalfa, they should extend to Mr. Stephenson the courtesy of taking him to the scene and giving him all the information they can. A few good scenes of homes on the farms would be appropriate.

Fourth of July Ball

J. V. Houston will give a public ball at the opera house on Friday evening July 3rd. It will be a good old fashioned dance and all who attend are assured of a good time. Good music and good order.

Frank Silvie, of the Spring Creek resort, was a visitor in the city yesterday. He came down for a party of tourists, who came from California to spend several weeks at this famous fishing resort.

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